

Rotkreuz, 18. January 2023

## Zugerberg funicular undergoes eco-friendly refurbishment

**Since 1907, the Zugerberg funicular railway has provided access to Zug's local mountain for up to 300,000 passengers a year. Over the last ten months, Garaventa replaced the track of the funicular, which was officially reopened on December 2022.**

In Zug, the popular funicular from Garaventa is once again bringing passengers comfortably and reliably up to the Zugerberg. In addition to the replacement of the 114-year-old track, an overhaul of the ropeway equipment and the cars was performed.

### High availability guaranteed

As part of the rebuild, the track of the Zugerberg funicular has been raised by a minimum of 50 centimeters. Some 400 tons of steel were used for this purpose. Elevating the track ensures better availability of this local transit system in the case of heavy snowfall as time-intensive snow-clearing operations, especially when wet snow conditions are involved, can be dispensed with. Furthermore, the new track creates a connection between railway and nature. An elevated track enables wildlife to cross beneath it. This means that small animals can now safely pass under the line.

### Eco-friendly construction

Reducing environmental impact was a focus of this project. The project team were assisted by a building biologist in order to preserve the valuable landscape and the natural environment. The project management decided on the installation of a temporary material ropeway to cut the number of truck transports. This system was used to carry the track sections, which were 18 meters long and weighed 3 tons, to the installation site. That way, the project team ensured that impacts on the landscape were reduced to a minimum.

### Overhaul of the ropeway equipment

The rebuild period was also utilized to overhaul the two cars. The carriages and floors of the rail cars now shine in a new splendor. Maintenance work was also carried out on the drive.

### 80-FUL Zugerberg Funicular

**Customer:** Zugerbergbahn AG

**Inclined length:** 1,262

**Vertical rise:** 362 m

**Capacity:** 700 PPH

**Speed:** 4 m/s

**Opened:** 12/2022

Images: <https://www.doppelmayr.com/wp-content/uploads/2023/01/Bilder-Pressemitteilung-80-FUL-Zugerberg.zip>

Garaventa AG is a Swiss company headquartered in Rotkreuz, with additional sites in Goldau, Uetendorf and Sion. It is the Swiss branch of the Doppelmayr Group and has established itself as the competence center with international reach for reversible aerial tramway, funicular railway and material ropeway systems as well as for complex rope installation work. Garaventa is also responsible for all ropeway projects of the Doppelmayr Group in Switzerland. All functions and competencies for special ropeways are made available to the Group worldwide from Switzerland. Garaventa employs 380 people in Switzerland.

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